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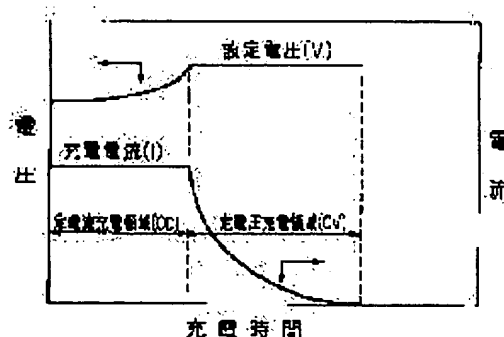
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(54) CHARGING METHOD FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERY

(57)Abstract:

PROBLEM TO BE SOLVED: To improve a charging/discharging cycle life characteristic of a nonaqueous electrolyte secondary battery using tin for a negative electrode.

SOLUTION: In charging a secondary battery provided with composite particles, in which the whole or a part of the circumference of a nucleus particle consisting of a solid phase A using tin is covered by a solid phase B, in a negative electrode, a constant current charging area, in which charging is carried out at a fixed current value I until a set voltage E is attained, and a constant voltage charging area, in which charging is carried out at the set voltage E after the set voltage E is attained, are combined together for charging, and a charging current value in the constant current charging area and the fixed voltage charging area is regulated to 5 mA/cm² or less in the form of current density for a part in which the positive and negative



electrodes face each other.

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